

## EAST Search History

| Ref # | Hits     | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|----------|--|---|------------------|---------|------------------|
| L1    | 1        | ("6674880").PN.  | US-PGPUB;<br>USPAT  | OR               | OFF     | 2007/01/08 05:33 |
| L3    | 10115    | spatial (kernel\$1 or windows\$3 or matr\$4 or filter\$3 or mask\$3) | US-PGPUB;<br>USPAT  | ADJ              | ON      | 2007/01/08 05:38 |
| L4    | 3510437  | min or minim\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/01/08 06:13 |
| L5    | 314      | 3 same L4 same image   | US-PGPUB;<br>USPAT  | ADJ              | ON      | 2007/01/08 05:39 |
| L6    | 23132576 | (@ad<="20020808" or @rlad<="20020808")                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/01/08 05:39 |
| L7    | 275      | L6 and 5   | US-PGPUB;<br>USPAT  | ADJ              | ON      | 2007/01/08 05:40 |
| L8    | 2545573  | max or maxim\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/01/08 06:14 |
| L9    | 145      | (max or maxim\$4) near4 square near4 difference                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/01/08 06:15 |
| L10   | 1        | 3 same 9   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/01/08 06:15 |
| L11   | 1        | 3 and 9  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/01/08 06:16 |

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|     |        |   |   |     |     |                  |
|-----|--------|---|---|-----|-----|------------------|
| L12 | 101    | 9 and 6   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/01/08 06:16 |
| S2  | 622727 | (three adj dimensional) or 3D or ("3" adj dimensional) or ("3" adj D)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2007/01/05 17:48 |
| S4  | 560659 | (three adj dimensional) or 3D or ("3" adj dimensional) or ("3" adj D) near3 image       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/01/05 17:51 |
| S6  | 559472 | (three adj dimensional) or 3D or ("3" adj dimensional) or ("3" adj D) near3 filter\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/01/05 17:55 |
| S7  | 559167 | S4 same S6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/01/05 20:46 |
| S8  | 56751  | ((three adj dimensional) or 3D or ("3" adj dimensional) or ("3" adj D)) near3 image     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/01/05 18:30 |
| S9  | 3744   | ((three adj dimensional) or 3D or ("3" adj dimensional) or ("3" adj D)) near3 filter\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/01/05 17:56 |
| S10 | 453    | S8 same S9  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/01/05 17:56 |

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|     |          |   |   |     |    |                  |
|-----|----------|---|---|-----|----|------------------|
| S11 | 83       | ((three adj dimensional) or 3D or ("3" adj dimensional) or ("3" adj D)) near3 filter\$4 near4 spatial | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 17:57 |
| S12 | 17       | S8 same S11   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 18:09 |
| S13 | 23132090 | (@ad<="20020808" or @rlad<="20020808")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 18:17 |
| S14 | 12       | S12 and S13   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 18:17 |
| S15 | 3492914  | kernel\$1 or windows\$3 or matr\$4 or filter\$3 or mask\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 18:48 |
| S16 | 6325     | S8 same S15   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 18:19 |
| S17 | 21232    | S15 near3 spatial   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 18:19 |
| S18 | 169      | S8 same S17   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 18:31 |

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|     |         |                 |   |     |    |                  |
|-----|---------|-----------------|---|-----|----|------------------|
| S19 | 123     | S13 and S18     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 18:34 |
| S20 | 3510116 | min or minim\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 18:35 |
| S21 | 2303989 | max or maxm\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 18:35 |
| S22 | 55      | S19 and S20     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 18:36 |
| S23 | 52      | S19 and S21     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 18:36 |
| S24 | 86380   | convolut\$4     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 18:48 |
| S25 | 16394   | S15 same S24    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 18:48 |
| S26 | 5008    | S25 same images | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 18:49 |

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|     |     |   |   |     |    |                  |
|-----|-----|---|---|-----|----|------------------|
| S27 | 340 | S20 same S26  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 18:49 |
| S28 | 404 | S21 same S26  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:05 |
| S29 | 239 | S13 and S27   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 18:54 |
| S30 | 315 | S13 and S28   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:05 |
| S31 | 1   | S28 same ((absolute or square)<br>near4 differenc\$4)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:08 |
| S32 | 13  | S15 same S17 same S21 same<br>((absolute or square) near4<br>differenc\$4) same image | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:29 |
| S33 | 11  | S13 and S32   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:09 |
| S34 | 3   | S15 same S17 same S21 same<br>(square near4 differenc\$4) same<br>image               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:38 |

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|     |   |  |   |     |    |                  |
|-----|---|--|---|-----|----|------------------|
| S35 | 1 | S13 and S34  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:19 |
| S36 | 9 | S15 same S17 same S20 same<br>((absolute or square) near4<br>differenc\$4) same image    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:22 |
| S37 | 5 | S13 and S36  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:21 |
| S38 | 3 | S15 same S17 same S20 same<br>((square) near4 differenc\$4) same<br>image                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:24 |
| S39 | 1 | S13 and S38  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:24 |
| S40 | 3 | S15 same S17 same median same<br>((absolute or square) near4<br>differenc\$4) same image | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:28 |
| S41 | 1 | S13 and S40  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:28 |
| S42 | 1 | S15 same S17 same sum square<br>near4 differenc\$4 same image                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:31 |

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|     |    |  |   |     |    |                  |
|-----|----|--|---|-----|----|------------------|
| S43 | 67 | S15 same sum square near4<br>differenc\$4 same image           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:33 |
| S44 | 89 | S15 same square near2 sum near4<br>differenc\$4 same image     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:35 |
| S45 | 68 | S13 and S44  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:35 |
| S46 | 17 | S15 same S21 same (square near4<br>differenc\$4) same image    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:39 |
| S47 | 62 | S15 same S20 same (square near4<br>differenc\$4) same image    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:39 |
| S48 | 10 | S15 same median same (square<br>near4 differenc\$4) same image | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:40 |
| S49 | 6  | S13 and S46  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 20:00 |
| S50 | 48 | S13 and S47  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/01/05 19:46 |

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|     |   |   |   |     |     |                  |
|-----|---|---|---|-----|-----|------------------|
| S52 | 7 | S13 and S48                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/01/05 19:42 |
| S53 | 8 | median near4 square near4<br>difference | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/01/05 20:00 |
| S54 | 2 | ((("6035072") or ("5640238")).PN.       | US-PGPUB;<br>USPAT  | OR  | OFF | 2007/01/08 05:15 |